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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 8 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — August, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August 1968, averaged 142,881 barrels daily, a decrease of 1,631 barrels from the average July production of 144,512.

The nine refineries in the state processed 128,100 barrels of crude oil daily for the month of August, 1968, an increase of 1,280 barrels from the 126,820 barrels processed daily during the months of July, 1968.

During August, 96 wells were completed. 22 oil, 3 gas and 71 dry holes.

During August, the commission issued 112 permits to drill new wells, an increase of 27 from the 85 permits issued during July.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF AUGUST, 1968

IN STORAGE AUGUST 1st	
By Producers	438,801
By Transporters	1,345,993
By Refiners	841,326
TOTAL STORAGE	2,626,120
Produced in Montana During Month	4,429,321
Imported During Month	2,997,826
TOTALS	10,053,267
DISPOSITION:	
Refined in Montana	3,971,095
Exported	3,471,029
Used for Fuel or Lost	13,942
TOTAL	7,456,066
IN STORAGE AUGUST 31st	
By Producers	425,849
By Transporters	1,353,977
By Refiners	817,375
TOTAL STORAGE	2,597,201

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	43,751
Bowdoin	58,655
Bowes	36,530
Cabin Creek	116,592
Cedar Creek	71,528
Cut Bank (Including Reagan)	470,937
Devon	0
Dry Creek	688
Elk Basin	93,352
Flat Coulee	3,083
Gold Butte	0
Golden Dome	0
Grandview	48,695
Hardin	3,639
Keith Block	246,285
Kevin Sunburst	35,174
Lake Basin	102,872
Middle Butte	0
Mt. Lilly	0
Pine	68,177
Plevna	3,291
Utopia	75,603
Whitlash	91,386
Miscellaneous	175,204
TOTAL	1,745,442

Total withdrawals for August, 1967 were 1,801,817

PRODUCERS REPORT—MONTH OF AUGUST, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	186	3,273		3,115		344
2	Bannatyne	2	467	1,205		591		1,081
	Bascom		247					247
5	Bear's Den	5	1,984	1,272		987		2,269
69	Bell Creek	307	92,732	1,708,584	1,705,368		4,713	91,235
1	Benrud	1	231	1,035	873			393
1	Benrud East	1	727	8,469	8,709			487
1	Benrud Northeast	1	393	6,992	6,774			611
1	Berthelote	1	590	260	371			479
5	Big Wall	22	881	15,621	14,335			2,167
4	Blackfoot	3	1,191	2,815	419	2,490		1,097
4	Border	4		1,602		1,602		
1	Bowes	61	3,118	14,567	14,727			2,958
2	Bradley	2	864	797	1,236			425
2	Brady	2	545	352	352			545
2	Brorson-Red River	2	2,087	29,950		28,609		3,428
1	Brush Mountain	1	912	6,618		6,929		601
2	Cabin Creek	100	6,750	299,531	306,281			
15	Cat Creek	70	2,373	15,762	14,782	743		2,610
1	Clark's Fork	1	102	161		188		75
3	Conrad South	3	662	1,044	1,044			662
2	Coral Creek	37	248	84,528	84,202			574
1	Cupton	1	843	134				977
161	Cut Bank	813	80,627	321,241	327,344	1,006	208	73,310
2	Deer Creek	3	1,628	2,654	3,618			664
1	Delphia	1	578	334		371		541
	Devil's Basin		671					671
12	Dwyer	13	6,016	20,679	21,719			4,976
4	Elk Basin	64	2,451	226,239	226,405			2,285
5	Elk Basin Northwest	14	3,484	7,754	8,983			2,255
10	Fairview	11	9,928	89,016		85,891		13,053
2	Fertile Prairie	2	983	1,355	1,405			933
26	Flat Coulee	27	5,827	16,017	16,553			5,291
38	Flat Lake	56	7,366	72,311	72,312			7,365
1	Flat Lake South	1	643	1,390	1,544			489
2	Frannie	2		951	951			
18	Fred & George Creek	35	4,286	70,177	69,404			5,059
1	Gage	1	644	387		511		520
3	Gas City	22	8,026	31,944	33,125			6,845
11	Glendive	15	2,667	35,507	29,720	5,559		2,895
24	Goose Lake	32	4,773	59,347	56,691		403	7,026
12	Graben Coulee	27	4,530	8,154	6,765	1,245		4,674
	Grandview		528					528
3	Gypsy Basin	3	1,371	160		205		1,326
9	Hiawatha	9	6,108	28,918	29,593			5,433
1	Hibbard	1	375	204				579
6	Ivanhoe	10	2,118	9,353	9,201			2,270
9	Keg Coulee	25	5,428	22,330	22,995			4,763
3	Keg Coulee North	3	1,281	2,844	3,101			1,024
5	Kelley	5	1,516	16,358	16,939		55	880
113	Kevin Sunburst	552	15,740	36,467	34,133	2,412	32	15,630
7	Laird Creek	9	493	13,217		13,326	34	350
1	Little Beaver	29		30,900	30,900			
2	Little Beaver East*	14	2,357	20,222	20,197			2,382
3	Lodge Grass	3	1,775	1,583		2,203		1,155
21	Lookout Butte	36	3,918	48,050	46,857	2,286		2,825
2	Mackay Dome	2	450	227	289			388
2	Mason Lake	2	357	1,000	1,000			357
2	Melstone	4	1,038	2,478	2,580			936
1	Mineral Bench	1	530	(8,974)	(8,787)			343
4	Miner's Coulee	5	144	1,129		1,171		102
12	Monarch	15	4,109	22,957	22,511			4,555
4	Mosser	4		667		667		
6	Outlook	11	7,922	25,068		23,460		9,530
2	Outlook South	2	1,580	1,340		1,147		1,773
2	Outlook West	2	1,621	8,676		8,157		2,140
69	Pennel	118	10,088	135,832	136,789			9,131
4	Pine	121	19,484	336,583	337,000			19,067
1	Pole Creek	1	1,112	1,850		1,850		1,112
69	Pondera	282	7,825	28,549	28,665		5	7,704
4	Poplar	68	9,337	54,977	55,588		6	8,720
4	Poplar Northwest	4	2,658	1,847	2,594			1,911
1	Prairie Elk	1	1,305	566		828		1,043
4	Ragged Point	12	2,674	7,598	7,464			2,808
1	Rattlesnake Coulee	1	657	797	1,073			381
4	Reagan	46	1,094	22,378	22,110			1,362
2	Red Creek	26		26,490	26,490			
1	Red Fox	1	279	8,459	8,295			443
1	Redstone	1	794	5,669	5,804			659
1	Repeat	1	294	1,189		1,090		393
3	Reserve	3		13,123		13,123		
1	Richey	1	195	373				568
6	Richey Southwest	8	778	6,631	6,491			918
6	Sand Creek	8	3,371	11,805	12,434			2,742
	Shotgun Creek		256					256
3	Sidney-Brorson	3	1,961	1,849		1,871		1,939
4	Smoke Creek	5	1,143	914		1,058	3	996
1	Snyder	3	420	418		528		310
8	Soap Creek	18	5,355	7,566		9,199		3,722
1	Spring Lake	2	1,976	2,138		1,444		2,670
1	Stensvad	21	3,765	19,972	20,396			3,341
29	Sumatra	89	10,664	65,874	65,179			11,359
5	Tule Creek	5	2,946	40,628		40,415		3,159
2	Tule Creek East	2	702	18,001		17,620		1,083
2	Tule Creek South	3	844	5,664		5,393	24	1,091
2	Vida	2	889	2,032	1,932			989
4	Volt	6	1,708	17,409	17,119			1,998
2	Weed Creek	3	417	13,220	12,884		33	720
5	Weldon	13	1,714	62,225	62,367			1,572
17	Whitlash	35	7,597	17,686	16,670		28	8,585
2	Whitlash West	2	628	854	929			553
3	Wills Creek South	3	1,444	5,555	6,795			204
6	Wolf Springs	9	3,458	7,313	5,951		184	4,636
3	Woodrow	3	381	3,341	3,296			426
1	Wildcat, Blaine Cty	1		2,291		2,019		272
1	Wildcat, Carbon Cty	1	699	111				810
1	Wildcat, Daniels Cty	1	330	302		513		119
2	Wildcat, Glacier Cty	3	492	1,328	1,274		4	542
2	Wildcat, Richland Cty	2	999	10,639		8,919	31	2,688
1	Wildcat, Sheridan Cty	1	850	608		694		764
1	Wildcat, Stillwater Cty	1	1,198	161	662			697
2	Wildcat, Toole Cty	2		970	970			
974	Totals	3,458	438,801	4,428,988	4,134,742	301,435	5,763	425,849

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
First Quarter, 1968	10,606,010	116,549	10,556,409	116,004
Second Quarter, 1968	12,517,926	137,559	12,520,339	137,586
July, 1968	4,479,873	144,512	4,478,093	144,454
August, 1968	4,429,321	142,881	4,436,177	143,102

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total Oil In Storage‡
December, 1967	423,176	1,063,477	632,990	2,119,643
March, 1968	457,799	1,206,686	841,174	2,505,659
June, 1968	442,059	1,477,769	1,023,508	2,943,336
July, 1968	438,801	1,345,993	841,326	2,626,120
August, 1968	425,849	1,353,977	817,375	2,597,201

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF AUGUST, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,115				3,115		
BANNATYNE—Truck			591				591		
BEAR'S DEN—Truck			987					987	
BELL CREEK—Pipelines		1,705,368					1,085,246	620,122	
BIG WALL—									
Continental Pipeline Co.		14,335				14,335			
BLACKFOOT—									
Camerland Cardinal Corp.			2,490					2,490	
Union Oil Co.		419				419			
		419	2,490			419		2,490	
BORDER—Truck			1,602				1,602		
BOWES—Texaco		14,727				14,727			
BRORSON-RED RIVER—									
Rock Island Oil & Ref. Co.			28,609				28,609		
BRUSH MOUNTAIN—									
Sinclair Ref. Co			6,929				6,929		
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	352,810	746,113	9,763	1,415,289			2,196,165		327,810
Shell Pipeline Co.	4,085	304,897			621			305,074	3,287
	356,895	1,051,010	9,763	1,415,289	621		2,196,165	305,074	331,097
CAT CREEK—									
Continental Pipeline Co.		14,782				14,782			
Truck			743			743			
		14,782	743			15,525			
CLARK'S FORK—Truck			188				188		
CUT BANK—									
Continental Pipeline Co.			19,365	820,391				839,756	
Phillips Petroleum Co.	80,797	44,132		57,393		120,414			61,908
Texas Pipeline Co.	23,644	121,074		37,991	713			145,784	36,212
Union Oil Co.	112,456	69,345		43,104	473	112,723			111,709
Western Oil Trans. Co.		46,413						46,413	
Western Oil Trans. (Moulton)		45,044						45,044	
	216,897	326,008	19,365	958,879	1,186	233,137		1,076,997	209,829
DELPHIA—Truck			371			371			
DWYER—Portal Pipeline Co.		20,195					20,195		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		233,678				233,678			
FAIRVIEW—Truck			85,891				45,642	40,249	
FLAT COULEE—									
Camerland Cardinal Corp.		14,229				10,500		3,729	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		68,530					68,530		
FRANNIE—Interstate Pipeline Co.		951					951		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	15,327	74,901				67,430		11,504	11,294
GAGE & S.W. GAGE—Truck			511			511			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	10,216	39,295			(462)			39,662	10,311
GOOSE LAKE—									
Portal Pipeline Co.		56,210					56,210		
HIAWATHA—									
Continental Pipeline Co.		19,553					19,553		
IVANHOE—									
Continental Pipeline Co.		9,200				9,200			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		27,519				25,053	2,466		
KELLEY—									
Continental Pipeline Co.		16,939				16,939			
KEVIN SUNBURST—									
Big West Oil Co.	5,630	23,583				24,672			4,541
Homestake Oil & Gas Co.	1,590	2,866				3,338			1,118
Texas Pipeline Co.	7,018	14,376			400			14,477	6,517
	14,238	40,825			400	28,010		14,477	12,176
LODGE GRASS—Truck			2,203			2,203			
MASON LAKE—									
Continental Pipeline Co.		1,666				1,666			
MELSTONE—									
Continental Pipeline Co.		2,580				2,580			
MOSSER—Truck			667				667		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			32,764				32,764		
POLE CREEK—Truck			1,850				1,850		
PONDERA—Phillips Petr. Co.	43,511	30,620		120,414	(281)	148,988			45,838
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	17,350	130,860			711			130,227‡	17,272
RAGGED POINT—									
Continental Pipeline Co.		8,691				8,691			
RED CREEK—									
Western Oil Transportation Co.		30,854						30,854	
RESERVE—Truck			13,123				13,123		
SIDNEY-BRORSON—Truck			1,871					1,871	
SMOKE CREEK—Truck			1,058				1,058		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			1,444				1,444		
SNYDER—Truck			528			528			
SOAP CREEK—Truck			9,199				9,199		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	667,227	77,613		477,941	4,842	61,749		444,347	711,843
TULE CREEK—									
Tesero Petr. Corp.	4,332		63,428			63,443			4,317
WEED CREEK—									
Continental Pipeline Co.		12,884				12,884			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		20,032				14,991		5,041	
WOLF SPRINGS—									
Continental Pipeline Co.		5,950				5,950			
WILDCAT WELLS—Truck			12,145				12,145		
TOTALS	1,345,993	4,070,424	301,435	2,972,523	7,017	993,508	3,608,242	2,727,631	1,353,977

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF AUGUST, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		14,335								14,335
Bowes			8,889							8,889
Cat Creek		9,147		14,417						23,564
Cut Bank	40,578						200,198		103,340	344,116
Elk Basin		93,313		62,458	77,907					233,678
Flat Coulee									10,500	10,500
Fred & George Creek	67,430									67,430
Ivanhoe		9,802								9,802
Keg Coulee		6,725		18,328						25,053
Kelley					16,939					16,939
Kevin Sunburst	24,672									24,672
Lodge Grass		2,203								2,203
Mason Lake		1,666								1,666
Melstone				2,580						2,580
Pondera							9,569			9,569
Ragged Point				8,691						8,691
Snyder		528								528
Sumatra & Stensvad		11,208		36,212	14,329					61,749
Tule Creek								73,486		73,486
Weed Creek					12,884					12,884
Whitlash							14,985			14,985
Wolf Springs					5,950					5,950
Total Montana Oil	132,680	148,927	8,889	142,686	128,009		224,752	73,486	113,840	973,269
Canadian Oil Imported		835,758								835,758
Wyoming Oil Imported		440,004		590,134	1,131,930					2,162,068
Total Montana, Canadian, and Wyoming Oil	132,680	1,424,689	8,889	732,820	1,259,939		224,752	73,486	113,840	3,971,095

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
August, 1967	30,369	13,860	68,444	112,673
August, 1968	31,396	26,960	69,744	128,100

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
28.71%	13.65%	57.64%
26.95%	12.31%	60.74%
24.51%	21.05%	54.44%